

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A carpenter's square comprising a snap locking angle adjustable device, the snap locking angle adjustable device comprising:

a first pivot member and a second pivot member, rotatable relative to each other around a pivot axis;

a first contacting element having a first alignment structure that rotates rigidly with the first pivot member around the pivot axis;

a second contacting element having complementary first alignment structure that rotates rigidly with the second pivot member around the pivot axis; and

a spring that, in conjunction with a spring expansion-restricting device, presses the first alignment structure axially against the complementary first alignment structure; wherein:

the first alignment structure and the complementary first alignment structure align at certain angles between the pivot members, at which the spring force is reduced compared to at angles where they do not align;

the spring expansion-restricting device comprises position-limiting members, in between which the spring and the contacting elements are placed, rigidly held together by connecting structure, and

each one of the contacting elements with its alignment structure is a single unit formed by a moulding technique.

2. (Previously Presented) The carpenter's square according to claim 1, wherein the first pivot member and the first contacting element are separate components joined to each other by structure that rigidly connects these components with respect to rotations around the pivot axis.

3. (Previously Presented) The carpenter's square according to claim 1, wherein the second pivot member and the second contacting element are separate components joined to each other by structure that rigidly connects these components with respect to rotations around the pivot axis.

4. (Previously Presented) The carpenter's square according to claim 3, further comprising a third contacting element having a third alignment structure that rotates rigidly with the first pivot member around the pivot axis; and a fourth contacting element having complementary third alignment structure that rotates rigidly with the second pivot member around the pivot axis, wherein

the spring, in conjunction with the spring expansion-restricting device, presses the third alignment structure axially against the complementary third alignment structure, and

the third alignment structure and the complementary third alignment structure align at certain angles between the pivot members, at which the spring force is reduced compared to at angles where they do not align.

5. (Previously Presented) The carpenter's square according to claim 1, wherein the distance between the position-limiting members can be changed by an axial screw coupling of the connecting structure, allowing for adjustment of the spring force.

6. (Previously Presented) The carpenter's square according to claim 1, wherein the combination of a sleeve on one of the first contacting element or the second contacting element and a sleeve groove on the other of the first contacting element or the second contacting element, aligns and secures the first and second contacting elements and the pivot members on the pivot axis.

7. (Previously Presented) Snap locking angle adjustable device, comprising:
a first pivot member and a second pivot member, rotatable relative to each other around a pivot axis;

a first contacting element having a first alignment structure that rotates rigidly with the first pivot member around the pivot axis;

a second contacting element having complementary first alignment structure that rotates rigidly with the second pivot member around the pivot axis;

a spring that, in conjunction with a spring expansion-restricting device, presses the first alignment structure axially against the complementary first alignment structure;

a third contacting element having a third alignment structure that rotates rigidly with the first pivot member around the pivot axis; and

a fourth contacting element having a complementary third alignment structure that rotates rigidly with the second pivot member around the pivot axis, wherein:

the first alignment structure and the complementary first alignment structure align at certain angles between the pivot members, at which the spring force is reduced compared to at angles where they do not align,

the spring expansion-restricting device comprises position-limiting members, in between which the spring and the contacting elements are placed, rigidly held together by connecting structure,

the second pivot member and the second contacting element are separate components joined to each other by structure that rigidly connects these components with respect to rotations around the pivot axis,

the spring, in conjunction with the spring expansion-restricting device, presses the third alignment structure axially against the complementary third alignment structure, and

the third alignment structure and the complementary third alignment structure align at certain angles between the pivot members, at which the spring force is reduced compared to at angles where they do not align.

8. (Previously Presented) The snap locking angle adjustable device according to claim 7, wherein the distance between the position-limiting members can be changed by an axial screw coupling of the connecting structure, allowing for adjustment of the spring force.

9. (Previously Presented) The snap locking angle adjustable device according to claim 7, wherein the first and second contacting elements are provided with a sleeve and a sleeve groove assembly that aligns and secures the first and second contacting elements and the pivot members on the pivot axis.

10. (Previously Presented) A carpenter's square including the snap angle adjustable device according to claim 7.

11. (Previously Presented) A miter saw including the snap angle adjustable device according to claim 7.

12. (New) The carpenter's square according to claim 1, wherein the carpenter's square includes a blade and a handle operatively coupled to the adjustable device.

13. (New) A carpenter's square comprising a snap locking angle adjustable device, the snap locking angle adjustable device comprising:

a first pivot member and a second pivot member, rotatable relative to each other around a pivot axis;

a first contacting element having a first alignment structure that rotates rigidly with the first pivot member around the pivot axis;

a second contacting element having complementary first alignment structure that rotates rigidly with the second pivot member around the pivot axis; and

a spring that, in conjunction with a spring expansion-restricting device, presses the first alignment structure axially against the complementary first alignment structure; wherein:

the first alignment structure and the complementary first alignment structure align at certain angles between the pivot members, at which the spring force is reduced compared to at angles where they do not align;

the spring expansion-restricting device comprises position-limiting members, in between which the spring and the contacting elements are placed, rigidly held together by connecting structure,

each one of the contacting elements with its alignment structure is a single unit formed by a moulding technique,

the first pivot member and the first contacting element are separate components joined to each other by structure that rigidly connects these components with respect to rotations around the pivot axis, and

the second pivot member and the second contacting element are separate components joined to each other by structure that rigidly connects these components with respect to rotations around the pivot axis.

14. (New) The carpenter's square according to claim 13, wherein the carpenter's square includes a blade and a handle operatively coupled to the adjustable device.